

Exhibit 1

Groundwater Water Quality Objectives

Constituent of Concern	Practical Quantitation Limit µg/L	Water Quality Objective ¹ µg/L
Gasoline	50	5.0 ²
Diesel	50	100 ³
Kerosene	50	100 ⁹
Motor oil	175	1.0 ⁴
Benzene	0.5	0.15 ⁵
Toluene	0.5	40 ⁶
Ethylbenzene	0.5	30 ⁶
Xylenes	0.5	20 ⁶
Methyl tert-butyl ether	5	5 ⁷
Tert-butyl alcohol	10	12 ⁸
Lead	2	2 ⁵

¹ Practical quantitation limits are based on current technology. For instances where technology cannot achieve the water quality objective the practical quantitation limit will be used.

² Published literature provides a taste and odor threshold of 5 µg/L, which is applied to the narrative TASTE AND ODOR water quality objective of the Basin Plan.

³ Published literature provides a taste and odor threshold of 100 µg/L, which is applied to the narrative TASTE AND ODOR water quality objective in the Basin Plan.

⁴ US EPA health advisory Suggested No Adverse Response Level (SNARL) of 0.1 µg/L to 1.0 µg/L applied to TOXICITY water quality objective in the Basin Plan.

⁵ California Public Health Goal (PHG) in Drinking Water (Office of Environmental Health Hazard Assessment) applied to TOXICITY water quality objective in the Basin Plan.

⁶ US EPA Secondary Maximum Contaminant Level, applied to TASTE AND ODOR water quality objective in the Basin Plan.

⁷ California Department of Health Services Secondary Maximum Contaminant Level, applied to TASTE AND ODOR water quality objective in the Basin Plan.

⁸ California Department of Health Services Drinking Water Action Level, applied to the narrative TOXICITY objective in the Basin Plan.

⁹Published literature provides a taste and odor threshold of 100 µg/l, which is applied to the narrative TASTE AND ODOR water quality objective of the Basin Plan.